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**United States Patent** [19]

Podos et al.

[11] **Patent Number:** **6,037,368**[45] **Date of Patent:** **Mar. 14, 2000**[54] **8-ISO- PROSTAGLANDINS FOR GLAUCOMA THERAPY**[75] Inventors: **Steven M. Podos**, Tenaflly, N.J.;  
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**Bernard Becker**, University City, Mo.[73] Assignee: **Mount Sinai School of Medicine**, New York, N.Y.[21] Appl. No.: **09/073,552**[22] Filed: **May 6, 1998****Related U.S. Application Data**

[63] Continuation of application No. 08/853,803, May 9, 1997, abandoned.

[51] **Int. Cl.**<sup>7</sup> ..... **A61K 31/215**; A61K 31/19[52] **U.S. Cl.** ..... **514/530**; 514/573; 514/913[58] **Field of Search** ..... 514/530, 573,  
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*Primary Examiner*—Zohreh Fay*Attorney, Agent, or Firm*—Bakerbotts LLP[57] **ABSTRACT**The present invention relates to the use of 8-iso prostaglandins and their derivatives for decreasing intraocular pressure, for example in the treatment of glaucoma. It is based, at least in part, on the discovery that 8-iso prostaglandin E<sub>2</sub> effectively decreased intraocular pressure by a trabecular meshwork outflow mechanism.**21 Claims, No Drawings**

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